

Work Order ID 100301

\*100301\*

April-22-13 12:53:05 PM

Page 1

Item ID: D4034-041

Accept

\*N900040100\*

Setup

Start

\*NS1\*

Revision ID:

Item Name: Aft Upper Rib Assembly

Stop

\*NS2\*

Start Date: 5/06/13 Start Qty: 3.00

\*3\*

Cust Item ID:

Required Date: 5/06/13 Req'd Qty: 3.00

\*3\*

Customer:

Reference:

Approvals: Process Plan: MLC

Date: 13-04-24

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N):

Run

Start

\*NR1\*

Stop

\*NR2\*

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

|          |              |  |  |  |  |  |  |  |  |
|----------|--------------|--|--|--|--|--|--|--|--|
| Draw Nbr | Revision Nbr |  |  |  |  |  |  |  |  |
|----------|--------------|--|--|--|--|--|--|--|--|

|       |                |      |  |  |  |  |  |  |  |
|-------|----------------|------|--|--|--|--|--|--|--|
| D4034 | ACT B 13-04-25 | 0.00 |  |  |  |  |  |  |  |
|-------|----------------|------|--|--|--|--|--|--|--|

|     |   |      |  |  |  |  |  |  |  |
|-----|---|------|--|--|--|--|--|--|--|
| 100 | Weld per dwg A/R S.S. rod Batch: 142883 | 0.00 |  |  |  |  |  |  |  |
|-----|---|------|--|--|--|--|--|--|--|

\*100\*

Large Fab

Memo 0.00

Large Fab

1- Assemble ribs to hoop and weld as per dwg DT9564

2- Weld bushing in rib and grind weld flush as per dwg

(3) 13-05-23 PD

|     |  |      |                   |         |   |  |  |  |  |
|-----|--|------|-------------------|---------|---|--|--|--|--|
| 110 | QC9- Inspect visual per QSI004- Fusion Welds | 0.00 | DAS<br>24<br>8-89 | 13-5-23 | 3 |  |  |  |  |
|-----|--|------|-------------------|---------|---|--|--|--|--|

\*110\*

QC

Quality Control

|     |   |      |                   |         |   |  |  |  |  |
|-----|---|------|-------------------|---------|---|--|--|--|--|
| 120 | QC5- Inspect part completeness to step on W/O | 0.00 | DAS<br>24<br>8-89 | 13-5-23 | 3 |  |  |  |  |
|-----|---|------|-------------------|---------|---|--|--|--|--|

\*120\*

QC

Quality Control

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

NCR: Yes / No

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| Work Order: _____   |  |      | DISPOSITION                                       |  |   | AGAINST DEPARTMENT/PROCESS                                       |   |             |              |              |  |
|---|--|------|---|--|---|--|---|-------------|--------------|--------------|--|
|   |  |      | Rework<br>Scrap<br>Use-as-is<br>Work Order Update | Skid-tube<br>Machining<br>Thermoforming<br>Large Fab   | Crosstube<br>Small Fab<br>Finishing<br>Composite    | Water Jet<br>Prod. Eng. Coor.<br>Rec/Store/Packaging<br>Supplier | Engineering<br>Quality<br>Other   |             |              |              |  |
| Root Cause  |  | Date | Step  | Qty  | Description of work order update or Non-conformance | Initial Chief Eng  | Action Description  | Sign & Date | Verification | QC Inspector |  |
| Doc/Data  |  |      |   |  |   |  |   |             |              |              |  |
| Equip/Tooling   |  |      |   |  |   |  |   |             |              |              |  |
| Operator  |  |      |   |  |   |  |   |             |              |              |  |
| Material  |  |      |   |  |   |  |   |             |              |              |  |
| Setup   |  |      |   |  |   |  |   |             |              |              |  |
| Other   |  |      |   |  |   |  |   |             |              |              |  |
| Process   |  |      |   |  |   |  |   |             |              |              |  |
| Supplier  |  |      |   |  |   |  |   |             |              |              |  |
| Training  |  |      |   |  |   |  |   |             |              |              |  |
| Unapproved  |  |      |   |  |   |  |   |             |              |              |  |
| FAULT CATEGORY  |  |      |   |  |   |  |   |             |              |              |  |
| <b>Landing Gear</b><br><input type="checkbox"/> Bending<br><input type="checkbox"/> Centre Not Concentric to O/S<br><input type="checkbox"/> Cracks<br><input type="checkbox"/> Crushed/Crimped<br><input type="checkbox"/> Cuffs<br><input type="checkbox"/> Heat Treat<br><input type="checkbox"/> Inspection Strip in Tube<br><input type="checkbox"/> Ripples in Bend<br><input type="checkbox"/> Torque Waves in Extrusion<br><input type="checkbox"/> Turning Sequence<br><input type="checkbox"/> Wave/Twist in Tube |  |      |   | <b>General</b><br><input type="checkbox"/> Bend<br><input type="checkbox"/> BOM/Route<br><input type="checkbox"/> Broken/Damaged<br><input type="checkbox"/> Burrs<br><input type="checkbox"/> Contamination<br><input type="checkbox"/> Countersink<br><input type="checkbox"/> Cut Too Short<br><input type="checkbox"/> Drill Holes<br><input type="checkbox"/> Drawing<br><input type="checkbox"/> Finish<br><input type="checkbox"/> Folio<br><input type="checkbox"/> Grain<br><input type="checkbox"/> Hardware<br><input type="checkbox"/> Inspection Incomplete<br><input type="checkbox"/> Instructions Incomplete/Unclear<br><input type="checkbox"/> Maintenance<br><input type="checkbox"/> Mislabeled<br><input type="checkbox"/> Misread<br><input type="checkbox"/> Offset<br><input type="checkbox"/> Out of Calibration<br><input type="checkbox"/> Out of Sequence<br><input type="checkbox"/> Outside Dimensions |   |  | <input type="checkbox"/> Ovalized<br><input type="checkbox"/> Over/Under tolerance<br><input type="checkbox"/> Part Incorrect<br><input type="checkbox"/> Part Lost/Missing<br><input type="checkbox"/> Part Moved<br><input type="checkbox"/> Positioned Wrong<br><input type="checkbox"/> Power Loss/Surge<br><br><hr/> <hr/> <hr/> |             |              |              |  |
|   |  |      |   |  |   |  | <input type="checkbox"/> Pressure/Forced<br><input type="checkbox"/> Temperature/Cure<br><input type="checkbox"/> Weld<br><input type="checkbox"/> Wrong Stock Pulled<br><br><hr/>  |             |              |              |  |
|   |  |      |   |  |   |  | <input type="checkbox"/> Other  |             |              |              |  |

**Work Order ID 100301**

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**\*100301\***

Page 2

**Item ID:** D4034-041

Accept

**\*N900040100\***

Setup

Start

**\*NS1\***

**Revision ID:**

**Item Name:** Aft Upper Rib Assembly

Stop

**\*NS2\***

**Start Date:** 5/06/13    **Start Qty:** 3.00

**\*3\***

**Cust Item ID:**

**Required Date:** 5/06/13    **Req'd Qty:** 3.00

**\*3\***

**Customer:**

**Reference:**

**Approvals:**

**Process Plan:**

**Date:**

**Tooling:**

**Date:**

Run

Start

**\*NR1\***

**QC:**

**Date:**

**SPC (Y/N):**

**Date:**

Stop

**\*NR2\***

**Sequence ID/  
Work Center ID**

**Operation  
Description**

**Set Up/  
Run Hours**

**Tool ID**

**Tool #**

**Plan  
Code**

**Accept  
Qty**

**Reject  
Qty**

**Reject  
Number**

**Insp.  
Stamp**

130

**\*130\***

Packaging

Packaging

Identify as per dwg & Stock Location: WAS

0.00

*LPC 13-5-23*

(3)

140

**\*140\***

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

*13/5/2013*

*AB-05-24*

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

NCR: Yes / No

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| Work Order: _____   |      |      | DISPOSITION                                   |  |                                       | AGAINST DEPARTMENT/PROCESS                      |   |              |              |  |  |
|---|------|------|---|--|---------------------------------------|---|---|--------------|--------------|--|--|
|   |      |      | Rework<br><input type="checkbox"/>            | Skid-tube<br><input type="checkbox"/>  | Crosstube<br><input type="checkbox"/> | Water Jet<br><input type="checkbox"/>           | Engineering<br><input type="checkbox"/> |              |              |  |  |
|   |      |      | Scrap<br><input type="checkbox"/>             | Machining<br><input type="checkbox"/>  | Small Fab<br><input type="checkbox"/> | Prod. Eng. Coor.<br><input type="checkbox"/>    | Quality<br><input type="checkbox"/>     |              |              |  |  |
|   |      |      | Use-as-is<br><input type="checkbox"/>         | Thermoforming<br><input type="checkbox"/>  | Finishing<br><input type="checkbox"/> | Rec/Store/Packaging<br><input type="checkbox"/> | Other<br><input type="checkbox"/>       |              |              |  |  |
|   |      |      | Work Order Update<br><input type="checkbox"/> | Large Fab<br><input type="checkbox"/>  | Composite<br><input type="checkbox"/> | Supplier<br><input type="checkbox"/>            |   |              |              |  |  |
| Root Cause  | Date | Step | Qty   | Description of work order update or Non-conformance  | Initial Chief Eng                     | Action Description                              | Sign & Date                             | Verification | QC Inspector |  |  |
| Doc/Data  |      |      |   |  |                                       |   |   |              |              |  |  |
| Equip/Tooling   |      |      |   |  |                                       |   |   |              |              |  |  |
| Operator  |      |      |   |  |                                       |   |   |              |              |  |  |
| Material  |      |      |   |  |                                       |   |   |              |              |  |  |
| Setup   |      |      |   |  |                                       |   |   |              |              |  |  |
| Other   |      |      |   |  |                                       |   |   |              |              |  |  |
| Process   |      |      |   |  |                                       |   |   |              |              |  |  |
| Supplier  |      |      |   |  |                                       |   |   |              |              |  |  |
| Training  |      |      |   |  |                                       |   |   |              |              |  |  |
| Unapproved  |      |      |   |  |                                       |   |   |              |              |  |  |
| FAULT CATEGORY  |      |      |   |  |                                       |   |   |              |              |  |  |
| <b>Landing Gear</b><br><input type="checkbox"/> Bending<br><input type="checkbox"/> Centre Not Concentric to O/S<br><input type="checkbox"/> Cracks<br><input type="checkbox"/> Crushed/Crimped<br><input type="checkbox"/> Cuffs<br><input type="checkbox"/> Heat Treat<br><input type="checkbox"/> Inspection Strip in Tube<br><input type="checkbox"/> Ripples in Bend<br><input type="checkbox"/> Torque Waves in Extrusion<br><input type="checkbox"/> Turning Sequence<br><input type="checkbox"/> Wave/Twist in Tube |      |      |   | <b>General</b><br><input type="checkbox"/> Bend<br><input type="checkbox"/> BOM/Route<br><input type="checkbox"/> Broken/Damaged<br><input type="checkbox"/> Burrs<br><input type="checkbox"/> Contamination<br><input type="checkbox"/> Countersink<br><input type="checkbox"/> Cut Too Short<br><input type="checkbox"/> Drill Holes<br><input type="checkbox"/> Drawing<br><input type="checkbox"/> Finish<br><input type="checkbox"/> Folio<br><input type="checkbox"/> Grain<br><input type="checkbox"/> Hardware<br><input type="checkbox"/> Inspection Incomplete<br><input type="checkbox"/> Instructions Incomplete/Unclear<br><input type="checkbox"/> Maintenance<br><input type="checkbox"/> Mislabeled<br><input type="checkbox"/> Misread<br><input type="checkbox"/> Offset<br><input type="checkbox"/> Out of Calibration<br><input type="checkbox"/> Out of Sequence<br><input type="checkbox"/> Outside Dimensions |                                       |   |   |              |              |  |  |
|   |      |      |   | <input type="checkbox"/> Ovalized<br><input type="checkbox"/> Over/Under tolerance<br><input type="checkbox"/> Part Incorrect<br><input type="checkbox"/> Part Lost/Missing<br><input type="checkbox"/> Part Moved<br><input type="checkbox"/> Positioned Wrong<br><input type="checkbox"/> Power Loss/Surge<br><input type="checkbox"/> Other   |                                       |   |   |              |              |  |  |
|   |      |      |   | <input type="checkbox"/> Pressure/Forced<br><input type="checkbox"/> Temperature/Cure<br><input type="checkbox"/> Weld<br><input type="checkbox"/> Wrong Stock Pulled  |                                       |   |   |              |              |  |  |

# Picklist Print

April-22-13 12:53:05 PM

Page 1

**Work Order ID:** 100301

**Parent Item:** D4034-041

**Start Date:** 5/06/13

**Required Date:** 5/06/13

**Parent Item Name:** Aft Upper Rib Assembly

**Start Qty:** 3.00

**Required Qty:** 3.00

**Comments:** IPP RevA: new issue DD 09.11.23 verified by:EC

IPP Rev:B as per dwg revA 10.03.15

verified by:EC

IPP Rev:C 11.01.19 AS PER DWG REV.B DD VERF:EC

IPP

Rev:D 13.03.14 AS PER DWG REV.pc1 DD VERF:JLM

| Component Item ID/<br>Item Name | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| D2159-1<br>Bushing              |                        | Manufactured  | No          |                     |                  | 100             | Each               | 316.0000       | 1           | 3            |               |                |        |

N/A  
M 13-04-23

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| WA004    | 316     |          |
| 66489    | 1       |          |
| 79213    | 1       |          |
| 83464    | 7       |          |
| 86550    | 20      |          |
| 88236    | 3       |          |
| 89780    | 3       |          |
| 90786    | 11      |          |
| 98089    | 30      |          |
| 98756    | 240     |          |

|                |              |    |     |      |         |   |   |                 |
|----------------|--------------|----|-----|------|---------|---|---|-----------------|
| D4034-1<br>Rib | Manufactured | No | 100 | Each | 13.0000 | 1 | 3 | (3) 13-05-23 PD |
|----------------|--------------|----|-----|------|---------|---|---|-----------------|

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| WA004    | 13      |          |
| 83755    | 1       |          |
| 89359    | 1       |          |
| 95920    | 11      |          |

B97991 → 3

|                |              |    |     |      |         |   |   |                 |
|----------------|--------------|----|-----|------|---------|---|---|-----------------|
| D4034-3<br>Rib | Manufactured | No | 100 | Each | 20.0000 | 1 | 3 | (3) 13-05-23 PD |
|----------------|--------------|----|-----|------|---------|---|---|-----------------|

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| WA       | 7       |          |
| 95137    | 7       |          |
| WA005    | 3       |          |
| 84590    | 1       |          |
| 94179    | 2       |          |
| WA006    | 10      |          |
| 94735    | 10      |          |

3

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| Work Order: _____   |      |               | DISPOSITION                                       |   |  | AGAINST DEPARTMENT/PROCESS                                       |                                 |              |              |  |  |
|---|------|---------------|---|---|--|--|---------------------------------|--------------|--------------|--|--|
|   |      |               | Rework<br>Scrap<br>Use-as-is<br>Work Order Update | Skid-tube<br>Machining<br>Thermoforming<br>Large Fab  | Crosstube<br>Small Fab<br>Finishing<br>Composite | Water Jet<br>Prod. Eng. Coor.<br>Rec/Store/Packaging<br>Supplier | Engineering<br>Quality<br>Other |              |              |  |  |
| Part No. _____  |      | NCR No. _____ |   |   |  |  |                                 |              |              |  |  |
| Root Cause  | Date | Step          | Qty   | Description of work order update or Non-conformance   | Initial Chief Eng                                | Action Description   | Sign & Date                     | Verification | QC Inspector |  |  |
| Doc/Data  |      |               |   |   |  |  |                                 |              |              |  |  |
| Equip/Tooling   |      |               |   |   |  |  |                                 |              |              |  |  |
| Operator  |      |               |   |   |  |  |                                 |              |              |  |  |
| Material  |      |               |   |   |  |  |                                 |              |              |  |  |
| Setup   |      |               |   |   |  |  |                                 |              |              |  |  |
| Other   |      |               |   |   |  |  |                                 |              |              |  |  |
| Process   |      |               |   |   |  |  |                                 |              |              |  |  |
| Supplier  |      |               |   |   |  |  |                                 |              |              |  |  |
| Training  |      |               |   |   |  |  |                                 |              |              |  |  |
| Unapproved  |      |               |   |   |  |  |                                 |              |              |  |  |
| FAULT CATEGORY  |      |               |   |   |  |  |                                 |              |              |  |  |
| <b>Landing Gear</b><br><input type="checkbox"/> Bending<br><input type="checkbox"/> Centre Not Concentric to O/S<br><input type="checkbox"/> Cracks<br><input type="checkbox"/> Crushed/Crimped<br><input type="checkbox"/> Cuffs<br><input type="checkbox"/> Heat Treat<br><input type="checkbox"/> Inspection Strip in Tube<br><input type="checkbox"/> Ripples in Bend<br><input type="checkbox"/> Torque Waves in Extrusion<br><input type="checkbox"/> Turning Sequence<br><input type="checkbox"/> Wave/Twist in Tube |      |               |   | <b>General</b><br><input type="checkbox"/> Bend<br><input type="checkbox"/> BOM/Route<br><input type="checkbox"/> Broken/Damaged<br><input type="checkbox"/> Burrs<br><input type="checkbox"/> Contamination<br><input type="checkbox"/> Countersink<br><input type="checkbox"/> Cut Too Short<br><input type="checkbox"/> Drill Holes<br><input type="checkbox"/> Drawing<br><input type="checkbox"/> Finish<br><input type="checkbox"/> Folio<br><input type="checkbox"/> Grain<br><input type="checkbox"/> Hardware<br><input type="checkbox"/> Inspection Incomplete<br><input type="checkbox"/> Instructions Incomplete/Unclear<br><input type="checkbox"/> Maintenance<br><input type="checkbox"/> Mislabeled<br><input type="checkbox"/> Misread<br><input type="checkbox"/> Offset<br><input type="checkbox"/> Out of Calibration<br><input type="checkbox"/> Out of Sequence<br><input type="checkbox"/> Outside Dimensions<br><input type="checkbox"/> Ovalized<br><input type="checkbox"/> Over/Under tolerance<br><input type="checkbox"/> Part Incorrect<br><input type="checkbox"/> Part Lost/Missing<br><input type="checkbox"/> Part Moved<br><input type="checkbox"/> Positioned Wrong<br><input type="checkbox"/> Power Loss/Surge<br><input type="checkbox"/> Pressure/Forced<br><input type="checkbox"/> Temperature/Cure<br><input type="checkbox"/> Weld<br><input type="checkbox"/> Wrong Stock Pulled<br><input type="checkbox"/> Other |  |  |                                 |              |              |  |  |

# Picklist Print

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Page 2

Work Order ID: 100301

Parent Item: D4034-041

Parent Item Name: Aft Upper Rib Assembly

Start Date: 5/06/13

Required Date: 5/06/13

D4021-7

Hoop

Manufactured

No

100

Each

9.0000

1

3

(3) 13-0523 DD

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| WA004    | 9       |          |
| 88428    | 3       |          |
| 97560    | 4       |          |
| 97724    | 2       |          |

B100432 -> 3

D4021-9

Bushing

Manufactured

No

100

Each

165.0000

4

12

(12) 13-0523 DD

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| WA002    | 4       |          |
| 99143    | 4       |          |
| WA004    | 161     |          |
| 66437    | 2       |          |
| 70333    | 4       |          |
| 72482    | 4       |          |
| 82977    | 1       |          |
| 84717    | 3       |          |
| 88077    | 23      |          |
| 88377    | 7       |          |
| 92020    | 12      |          |
| 98702    | 31      |          |
| 98877    | 74      | 12       |

~~Good~~

NCR: Yes / No

DQA: Date:

# **WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Date:

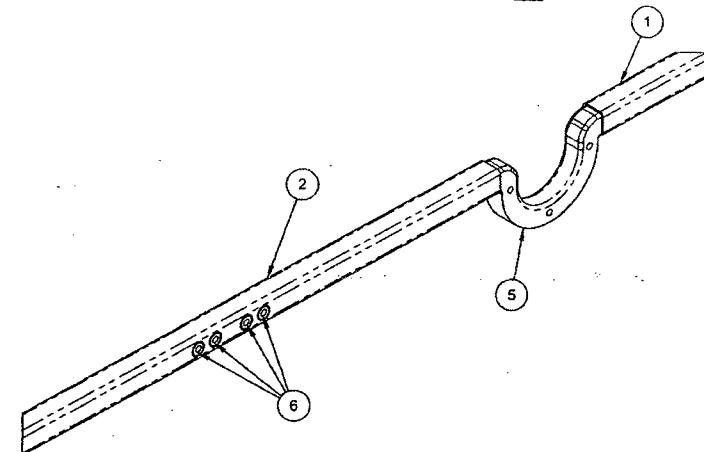
| Work Order: _____            |                          |      | DISPOSITION   |  |  | AGAINST DEPARTMENT/PROCESS   |   |                                 |                          |  |  |                      |                          |  |  |                    |
|------------------------------|--------------------------|------|---|--|--|--|---|---------------------------------|--------------------------|--|--|----------------------|--------------------------|--|--|--------------------|
|                              |                          |      | Rework<br><input type="checkbox"/><br>Scrap<br><input type="checkbox"/><br>Use-as-is<br><input type="checkbox"/><br>Work Order Update<br><input type="checkbox"/> | Skid-tube<br><input type="checkbox"/><br>Machining<br><input type="checkbox"/><br>Thermoforming<br><input type="checkbox"/><br>Large Fab<br><input type="checkbox"/> | Crosstube<br><input type="checkbox"/><br>Small Fab<br><input type="checkbox"/><br>Finishing<br><input type="checkbox"/><br>Composite<br><input type="checkbox"/> | Water Jet<br><input type="checkbox"/><br>Prod. Eng. Coor.<br><input type="checkbox"/><br>Rec/Store/Packaging<br><input type="checkbox"/><br>Supplier<br><input type="checkbox"/> | Engineering<br><input type="checkbox"/><br>Quality<br><input type="checkbox"/><br>Other<br><input type="checkbox"/> |                                 |                          |  |  |                      |                          |  |  |                    |
| Part No. _____               |                          |      |   |  |  |  |   |                                 |                          |  |  |                      |                          |  |  |                    |
| NCR No. _____                |                          |      |   |  |  |  |   |                                 |                          |  |  |                      |                          |  |  |                    |
| Root Cause                   | Date                     | Step | Qty   | Description of work order update or Non-conformance  | Initial Chief Eng  | Action Description   | Sign & Date   | Verification                    | QC Inspector             |  |  |                      |                          |  |  |                    |
| Doc/Data                     |                          |      |   |  |  |  |   |                                 |                          |  |  |                      |                          |  |  |                    |
| Equip/Tooling                |                          |      |   |  |  |  |   |                                 |                          |  |  |                      |                          |  |  |                    |
| Operator                     |                          |      |   |  |  |  |   |                                 |                          |  |  |                      |                          |  |  |                    |
| Material                     |                          |      |   |  |  |  |   |                                 |                          |  |  |                      |                          |  |  |                    |
| Setup                        |                          |      |   |  |  |  |   |                                 |                          |  |  |                      |                          |  |  |                    |
| Other                        |                          |      |   |  |  |  |   |                                 |                          |  |  |                      |                          |  |  |                    |
| Process                      |                          |      |   |  |  |  |   |                                 |                          |  |  |                      |                          |  |  |                    |
| Supplier                     |                          |      |   |  |  |  |   |                                 |                          |  |  |                      |                          |  |  |                    |
| Training                     |                          |      |   |  |  |  |   |                                 |                          |  |  |                      |                          |  |  |                    |
| Unapproved                   |                          |      |   |  |  |  |   |                                 |                          |  |  |                      |                          |  |  |                    |
| FAULT CATEGORY               |                          |      |   |  |  |  |   |                                 |                          |  |  |                      |                          |  |  |                    |
| Landing Gear                 |                          |      |   | General  |  |  |   |                                 |                          |  |  |                      |                          |  |  |                    |
| Bending                      | <input type="checkbox"/> |      |   | Bend   | <input type="checkbox"/>   |  |   | Grain                           | <input type="checkbox"/> |  |  | Ovalized             | <input type="checkbox"/> |  |  | Pressure/Forced    |
| Centre Not Concentric to O/S | <input type="checkbox"/> |      |   | BOM/Route  | <input type="checkbox"/>   |  |   | Hardware                        | <input type="checkbox"/> |  |  | Over/Under tolerance | <input type="checkbox"/> |  |  | Temperature/Cure   |
| Cracks                       | <input type="checkbox"/> |      |   | Broken/Damaged   | <input type="checkbox"/>   |  |   | Inspection Incomplete           | <input type="checkbox"/> |  |  | Part Incorrect       | <input type="checkbox"/> |  |  | Weld               |
| Crushed/Crimped.             | <input type="checkbox"/> |      |   | Burrs  | <input type="checkbox"/>   |  |   | Instructions Incomplete/Unclear | <input type="checkbox"/> |  |  | Part Lost/Missing    | <input type="checkbox"/> |  |  | Wrong Stock Pulled |
| Cuffs                        | <input type="checkbox"/> |      |   | Contamination  | <input type="checkbox"/>   |  |   | Maintenance                     | <input type="checkbox"/> |  |  | Part Moved           | <input type="checkbox"/> |  |  |                    |
| Heat Treat                   | <input type="checkbox"/> |      |   | Countersink  | <input type="checkbox"/>   |  |   | Mislabeled                      | <input type="checkbox"/> |  |  | Positioned Wrong     | <input type="checkbox"/> |  |  |                    |
| Inspection Strip in Tube     | <input type="checkbox"/> |      |   | Cut Too Short  | <input type="checkbox"/>   |  |   | Misread                         | <input type="checkbox"/> |  |  | Power Loss/Surge     | <input type="checkbox"/> |  |  |                    |
| Ripples in Bend              | <input type="checkbox"/> |      |   | Drill Holes  | <input type="checkbox"/>   |  |   | Offset                          | <input type="checkbox"/> |  |  |                      | <input type="checkbox"/> |  |  |                    |
| Torque Waves in Extrusion    | <input type="checkbox"/> |      |   | Drawing  | <input type="checkbox"/>   |  |   | Out of Calibration              | <input type="checkbox"/> |  |  |                      | <input type="checkbox"/> |  |  |                    |
| Turning Sequence             | <input type="checkbox"/> |      |   | Finish   | <input type="checkbox"/>   |  |   | Out of Sequence                 | <input type="checkbox"/> |  |  |                      | <input type="checkbox"/> |  |  |                    |
| Wave/Twist in Tube           | <input type="checkbox"/> |      |   | Folio  | <input type="checkbox"/>   |  |   | Outside Dimensions              | <input type="checkbox"/> |  |  |                      | <input type="checkbox"/> |  |  |                    |

| ITEM | QTY<br>-041 | QTY<br>-043 | P/N       | DESCRIPTION        |
|------|-------------|-------------|-----------|--------------------|
|      | X           |             | D4034-041 | AFT UPPER RIB ASSY |
|      |             | X           | D4034-043 | FWD UPPER RIB ASSY |
| 1    | 1           | 1           | D4034-1   | RIB                |
| 2    | 1           |             | D4034-3   | RIB                |
| 3    |             | 1           | D4034-5   | RIB                |
| 4    |             | 1           | D2327-3   | SPACER BUSHING     |
| 5    | 1           | 1           | D4021-7   | HOOP               |
| 6    | 4           |             | D4021-9   | BUSHING            |

B

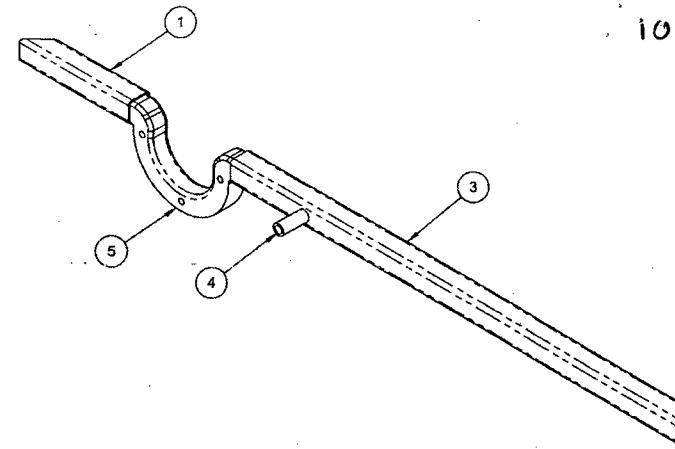
B

B



D4034-041 AFT UPPER RIB ASSY

B



D4034-043 FWD UPPER RIB ASSY

100301 M65  
13-04-24RELEASED  
R 2011-01-18  
JP

|            |                                       |  |              |
|------------|---------------------------------------|--|--------------|
| B          | ADDITIONAL HOLES ADDED ON D4034-3 RIB | SC   | 10.12.20     |
| A          | NEW ISSUE                             | AJS  | 10.03.04     |
| REV.       | DESCRIPTION                           |  |              |
| DESIGN     | AJS                                   | DART AEROSPACE LTD   |              |
| DRAWN      | SC                                    | HAWKESBURY, ONTARIO, CANADA  |              |
| CHECKED    | BS                                    | DRAWING NO.  | REV. B       |
| MFG. APPR. |                                       | D4034  | SHEET 1 OF 4 |
| APPROVED   | MP                                    | TITLE  | SCALE        |
| DE APPR.   | MM                                    | UPPER RIB ASSY, BASKET BASE  | NTS          |
| DATE       | 10.12.20                              | COPYRIGHT © 2010 BY DART AEROSPACE LTD<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS EXPIRED ON THE EXPRESS CONDITION THAT IT IS<br>NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT<br>WRITTEN PERMISSION FROM DART AEROSPACE LTD. |              |

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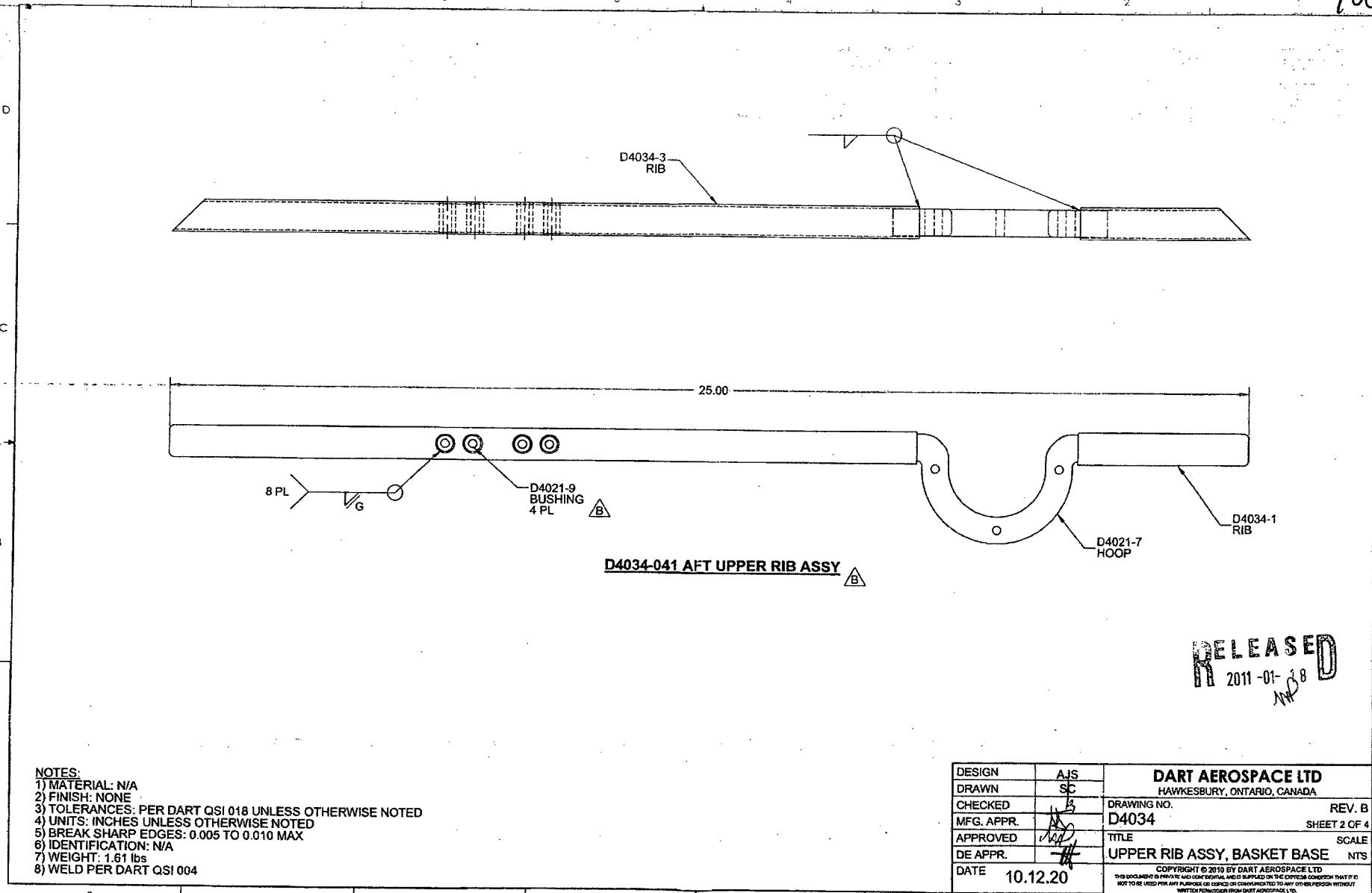
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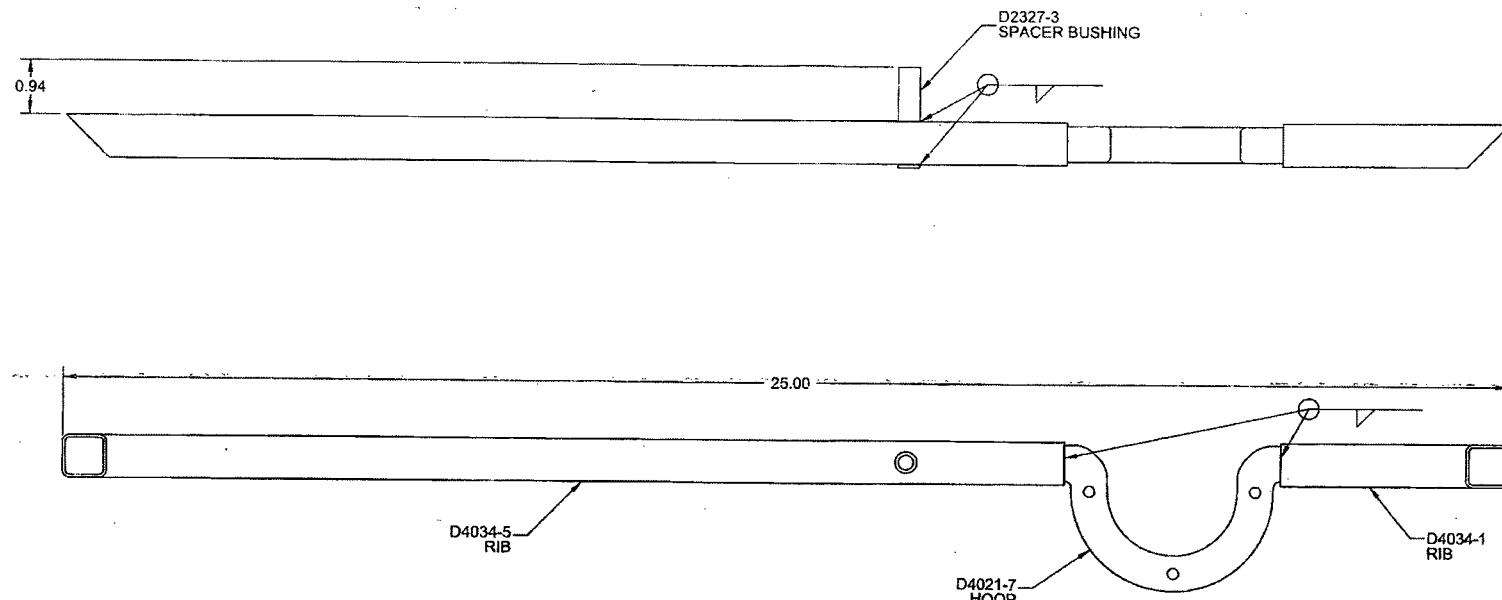
A

D

B

100301



D4034-043 FWD UPPER RIB ASSY

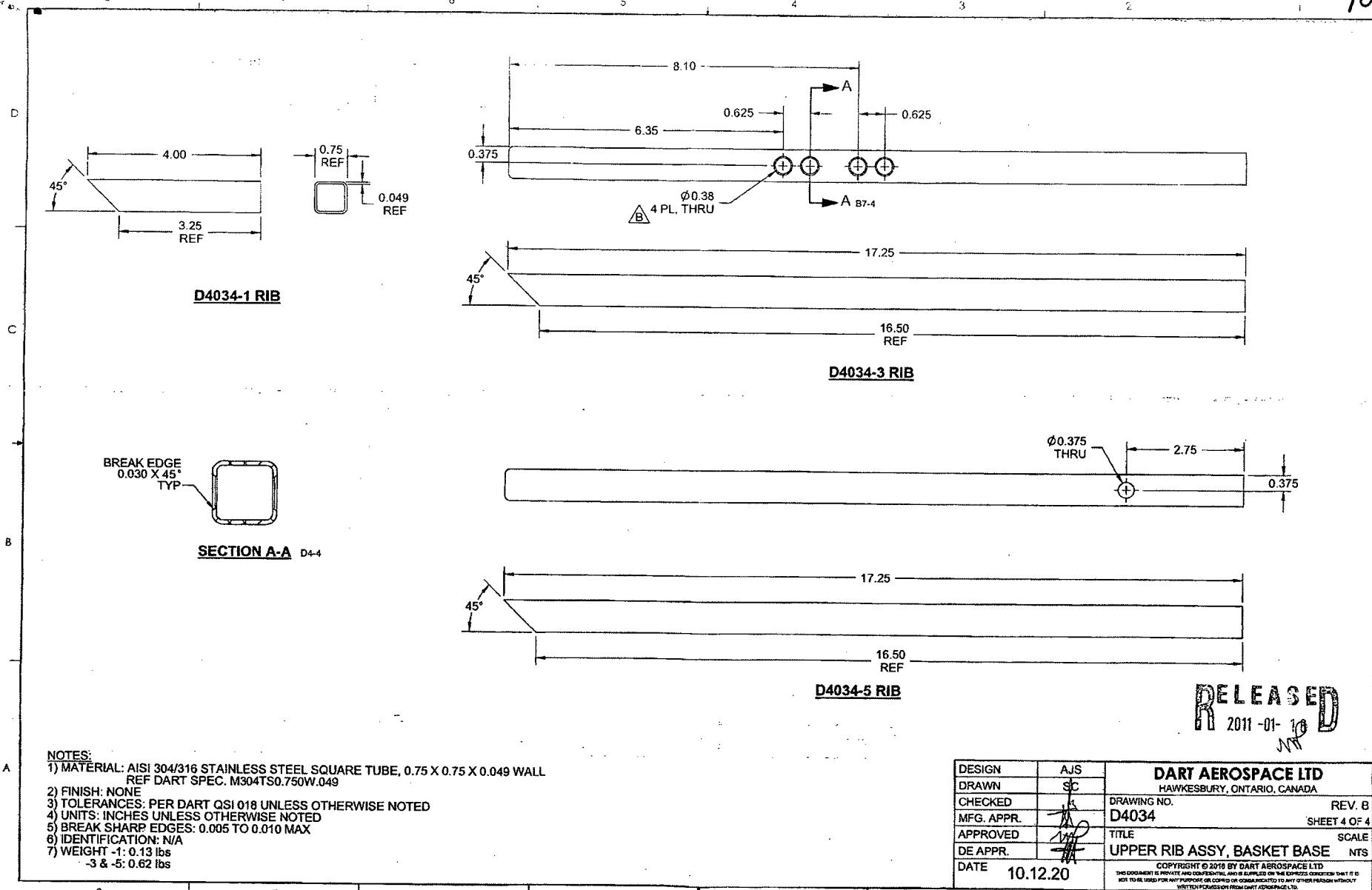
**RELEASED**  
2011-01-18  
*[Handwritten signature]*

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.56 lbs
- 8) WELD PER DART QSI 004

|            |                    |   |
|------------|--------------------|---|
| DESIGN     | AJS                | <b>DART AEROSPACE LTD</b>   |
| DRAWN      | SC                 | HAWKSBURY, ONTARIO, CANADA  |
| CHECKED    | <i>[Signature]</i> | DRAWING NO. REV. B  |
| MFG. APPR. | <i>[Signature]</i> | D4034 SHEET 3 OF 4  |
| APPROVED   | <i>[Signature]</i> | TITLE SCALE   |
| DE APPR.   |                    | UPPER RIB ASSY, BASKET BASE NTS   |
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|            |          |  |              |
|------------|----------|--|--------------|
| DESIGN     | AJS      | <b>DART AEROSPACE LTD</b>  |              |
| DRAWN      | SC       | HAWKESBURY, ONTARIO, CANADA  |              |
| CHECKED    | JK       | DRAWING NO. D4034  |              |
| MFG. APPR. |          | REV. B   | SHEET 4 OF 4 |
| APPROVED   |          | TITLE  | SCALE        |
| DE APPR.   |          | UPPER RIB ASSY, BASKET BASE  | NTS          |
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2011-01-10  
NY